

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|------------------------------|------------------|---------|------------------|
| S1 | 32 | ("20020052599" "20030069579" "20030078573" "20030078577" "20030078578" "3685518" "3768482" "4038984" "4092986" "4188927" "4492231" "4517976" "4543474" "4590934" "4727874" "5122137" "5346491" "5423810" "5445638" "5451224" "5496312" "5716366" "5720744" "5757445" "5885281" "5931836" "6033399" "6093186" "6132426" "6228080" "6398779" "6413255").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 08:55 |
| S2 | 89345 | output with impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/17 11:30 |
| S3 | 32 | ("20020052599" "20030069579" "20030078573" "20030078577" "20030078578" "3685518" "3768482" "4038984" "4092986" "4188927" "4492231" "4517976" "4543474" "4590934" "4727874" "5122137" "5346491" "5423810" "5445638" "5451224" "5496312" "5716366" "5720744" "5757445" "5885281" "5931836" "6033399" "6093186" "6132426" "6228080" "6398779" "6413255").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/17 11:30 |
| S4 | 17 | S2 and S3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/17 11:33 |
| S5 | 242583 | ohm or omega | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/17 11:33 |
| S6 | 18 | S3 and S5 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/17 12:32 |
| S7 | 1 | ("20040138654").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 14:05 |
| S8 | 32 | ("20020052599" "20030069579" "20030078573" "20030078577" "20030078578" "3685518" "3768482" "4038984" "4092986" "4188927" "4492231" "4517976" "4543474" "4590934" "4727874" "5122137" "5346491" "5423810" "5445638" "5451224" "5496312" "5716366" "5720744" "5757445" "5885281" "5931836" "6033399" "6093186" "6132426" "6228080" "6398779" "6413255").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 08:55 |

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|-----|--------|--|------------------------------|----|-----|------------------|
| S9 | 7 | S8 and resonant | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 09:01 |
| S10 | 1 | ("20040138654").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 09:01 |
| S11 | 1 | S10 and resonant | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 09:02 |
| S12 | 125447 | short adj circuit | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 11:50 |
| S13 | 5 | S8 and S12 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 12:03 |
| S14 | 466 | (606/32).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:04 |
| S15 | 201 | (606/33).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:04 |
| S16 | 513 | (606/34).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:04 |
| S17 | 96 | (606/35).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:04 |
| S18 | 2353 | (606/41).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:04 |
| S19 | 810 | (607/101).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:05 |
| S20 | 301 | (607/102).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:05 |
| S21 | 32 | (607/103).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:05 |
| S22 | 712 | (607/104).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:05 |
| S23 | 872 | (607/105).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 12:05 |
| S24 | 2140 | generator and (S14 S15 S16 S17 S18 S19 S20 S21 S22 S23) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 12:06 |

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|-----|------|--|------------------------------|----|-----|------------------|
| S25 | 168 | S24 and (short adj circuit) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 12:06 |
| S26 | 0 | ("(microsecondor.mu.s)with(amporA)").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 13:44 |
| S27 | 9534 | (microsecond or ".mu.s") with (amp or A) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 14:00 |
| S28 | 1 | S8 and S27 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 13:47 |
| S29 | 20 | S24 and S27 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 13:48 |
| S30 | 582 | (microsecond or ".mu.s") with amp | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 14:00 |
| S31 | 0 | ("ampsadjperadjmicrosecond").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/18 14:05 |
| S32 | 46 | amps adj per adj microsecond | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 14:25 |
| S33 | 149 | S24 and resonant | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/18 14:25 |
| S37 | 467 | (606/32).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S38 | 204 | (606/33).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S39 | 514 | (606/34).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S40 | 96 | (606/35).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S41 | 2360 | (606/41).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S42 | 810 | (607/101).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S43 | 301 | (607/102).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |

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|-----|--------|--|------------------------------|----|-----|------------------|
| S44 | 32 | (607/103).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S45 | 712 | (607/104).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S46 | 872 | (607/105).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/20 13:35 |
| S47 | 2145 | generator and (S37 S38 S39 S40 S41 S42 S43 S44 S45 S46) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/20 13:35 |
| S48 | 754 | S47 and pulse | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/20 13:41 |
| S49 | 121604 | voltage with below | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/20 13:43 |
| S50 | 176 | S48 and S49 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/20 13:42 |
| S51 | 20615 | S49 same pulse | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/20 13:44 |
| S52 | 14 | S47 and S51 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/20 13:44 |
| S53 | 239532 | voltage with (drop or fall or below) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/21 13:04 |
| S54 | 89954 | S53 same control | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/21 13:04 |
| S55 | 107373 | S53 same control\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/21 13:05 |
| S56 | 467 | (606/32).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S57 | 204 | (606/33).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S58 | 514 | (606/34).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S59 | 96 | (606/35).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |

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|-----|-------|---|------------------------------|----|-----|------------------|
| S60 | 2360 | (606/41).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S61 | 810 | (607/101).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S62 | 301 | (607/102).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S63 | 32 | (607/103).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S64 | 712 | (607/104).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S65 | 872 | (607/105).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/21 13:05 |
| S66 | 2145 | generator and (S56 S57 S58 S59 S60 S61 S62 S63 S64 S65) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/21 13:05 |
| S67 | 193 | S66 and S55 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/21 13:53 |
| S68 | 133 | S67 and pulse | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/21 13:53 |
| S69 | 15 | (US-20020097042-\$ or US-20020165530-\$ or US-20040138654-\$).did. or (US-4092986-\$ or US-4590934-\$ or US-5134356-\$ or US-5318563-\$ or US-5496313-\$ or US-5628771-\$ or US-5766153-\$ or US-5836943-\$ or US-6074386-\$ or US-6093186-\$ or US-6132426-\$ or US-6228080-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/10/28 15:43 |
| S70 | 6 | S69 and (tun\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/28 15:48 |
| S71 | 15820 | series with resonant | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/28 16:12 |
| S72 | 470 | (606/32).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S73 | 205 | (606/33).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |

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|-----|-------|---|------------------------------|----|-----|------------------|
| S74 | 515 | (606/34).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S75 | 96 | (606/35).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S76 | 2369 | (606/41).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S77 | 811 | (607/101).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S78 | 304 | (607/102).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S79 | 32 | (607/103).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S80 | 712 | (607/104).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S81 | 873 | (607/105).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/28 15:48 |
| S82 | 2150 | generator and (S72 S73 S74 S75 S76 S77 S78 S79 S80 S81) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/28 15:48 |
| S83 | 56 | S71 and S82 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/28 15:49 |
| S84 | 90996 | tun\$3 with frequency | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/28 16:13 |
| S87 | 4615 | S71 same S84 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/28 16:13 |
| S88 | 12 | S82 and S87 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/28 16:17 |
| S89 | 16 | (US-20020097042-\$ or US-20020165530-\$ or US-20040138654-\$).did. or (US-4092986-\$ or US-4590934-\$ or US-5067953-\$ or US-5134356-\$ or US-5318563-\$ or US-5496313-\$ or US-5628771-\$ or US-5766153-\$ or US-5836943-\$ or US-6074386-\$ or US-6093186-\$ or US-6132426-\$ or US-6228080-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/11/08 16:56 |

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|----------|-------|--|------------------------------|----|-----|------------------|
| S90 | 9 | S89 and ohm | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/08 17:06 |
| S91 | 3940 | output with voltage with ohm | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/08 17:08 |
| S92 | 472 | (606/32).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S93 | 208 | (606/33).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S94 | 516 | (606/34).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S95 | 96 | (606/35).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S96 | 2388 | (606/41).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S97 | 813 | (607/101).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S98 | 305 | (607/102).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S99 | 32 | (607/103).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S10 0 | 716 | (607/104).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S10 1 | 876 | (607/105).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/08 17:08 |
| S10 2 | 2165 | generator and (S92 S93 S94 S95 S96 S97 S98 S99 S100 S101) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/08 17:08 |
| S10 3 | 19 | S91 and S102 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 08:54 |
| S10 4 | 41357 | load with impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/08 17:20 |
| S10 5 | 2978 | load with impedance with ohm | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/08 17:21 |

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|----------|------|--|------------------------------|----|-----|------------------|
| S10 6 | 56 | S102 and S105 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/08 17:21 |
| S10 7 | 21 | (US-20020097042-\$ or US-20020165530-\$ or US-20040138654-\$).did. or (US-4092986-\$ or US-4590934-\$ or US-5067953-\$ or US-5134356-\$ or US-5318563-\$ or US-5496313-\$ or US-5628771-\$ or US-5766153-\$ or US-5836943-\$ or US-6074386-\$ or US-6093186-\$ or US-6132426-\$ or US-6228080-\$ or US-5364393-\$ or US-5693045-\$ or US-5766215-\$ or US-6106524-\$ or US-4117846-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/11/09 10:39 |
| S10 8 | 5 | S107 and crest | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 08:47 |
| S10 9 | 1506 | crest with factor | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 08:55 |
| S11 0 | 472 | (606/32).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S11 1 | 208 | (606/33).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S11 2 | 516 | (606/34).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S11 3 | 96 | (606/35).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S11 4 | 2388 | (606/41).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S11 5 | 813 | (607/101).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S11 6 | 305 | (607/102).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S11 7 | 32 | (607/103).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S11 8 | 716 | (607/104).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |

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|----------|-------|--|------------------------------|----|-----|------------------|
| S11 9 | 876 | (607/105).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/09 08:55 |
| S12 0 | 2165 | generator and (S110 S111 S112 S113 S114 S115 S116 S117 S118 S119) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 10:39 |
| S12 1 | 87 | S109 and S120 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 09:15 |
| S12 2 | 41357 | load with impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 13:52 |
| S12 3 | 78 | S109 same S122 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 09:27 |
| S12 4 | 36 | S120 and S123 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 09:16 |
| S12 5 | 1 | S107 and (kw or kilowatt) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 10:39 |
| S12 6 | 42 | S120 and (kw or kilowatt) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 10:40 |
| S12 7 | 4 | S107 and (peak\$to\$peak) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 11:50 |
| S12 8 | 41357 | load with impedance | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/09 13:52 |
| S12 9 | 21 | (US-20020097042-\$ or US-20020165530-\$ or US-20040138654-\$).did. or (US-4092986-\$ or US-4590934-\$ or US-5067953-\$ or US-5134356-\$ or US-5318563-\$ or US-5496313-\$ or US-5628771-\$ or US-5766153-\$ or US-5836943-\$ or US-6074386-\$ or US-6093186-\$ or US-6132426-\$ or US-6228080-\$ or US-5364393-\$ or US-5693045-\$ or US-5766215-\$ or US-6106524-\$ or US-4117846-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/11/09 13:52 |
| S13 0 | 11 | S128 and S129 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 12:02 |

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|----------|----|--|------------------------------|----|----|------------------|
| S13 1 | 21 | (US-20020097042-\$ or US-20020165530-\$ or US-20040138654-\$).did. or (US-4092986-\$ or US-4590934-\$ or US-5067953-\$ or US-5134356-\$ or US-5318563-\$ or US-5496313-\$ or US-5628771-\$ or US-5766153-\$ or US-5836943-\$ or US-6074386-\$ or US-6093186-\$ or US-6132426-\$ or US-6228080-\$ or US-5364393-\$ or US-5693045-\$ or US-5766215-\$ or US-6106524-\$ or US-4117846-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/11/10 12:03 |
| S13 2 | 12 | S131 and loop | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 12:03 |